

PRIORITY**SECRET**

out 65458

1968 JUN 28 20 04Z

P 281950Z JUN 68

FM NPIC WASHDC

TO RUCSAAA/SAC OFFUTT AFB OMAHA NEB

RUWTFRA/100TH SRW OL 19 MCCOY AFB FLA

RUWJDBA/100TH SRW DAVIS MONTHAN AFB ARIZ

RUEBJRA/NAVRECONTECHSUPPCEN SUITLAND MD

RUEAIIA/CIA WASH DC

RUEOJFA/DIA ATTN: DIAXX-2

RUWBKNA/15TH AF MARCH AFB RIVERSIDE CALIF

RUEFHQA/HQS USAF

BT

S E C R E T CITE NPIC 4107.

SAC FOR DIR, DOSR, DISD; 15TH AF FOR DI DO; 100TH SRW FOR
CO, DCOI; HQ USAF FOR AFRDR

FROM NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER.

SUBJECT: EVALUATION OF GLASS LAMP MISSION G-029

1. QUALITY SUMMARY: THE IMAGE QUALITY IS NOT CONSISTENT AND VARIES FROM POOR AT THE BEGINNING OF THE MISSION TO GOOD AT THE END. THIS IMPROVEMENT IN QUALITY AS THE MISSION PROGRESSES IS ATTRIBUTED TO A DECREASE IN HAZE. THE BEST ESTIMATED GROUND RESOLUTION

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OBSERVED WAS APPROXIMATELY (BAR PLUS SPACE). THE PRIMARY MISSION OBJECTIVE WAS COVERED THREE TIMES. IN ALL CASES THE IMAGERY IS DEGRADED BY HAZE. THE BEST ESTIMATED GROUND RESOLUTION OBTAINED AT THE TARGET WAS APPROXIMATELY (BAR PLUS SPACE). THE PI SUITABILITY VARIES FROM FAIR TO GOOD. CLOUDS OBSCURE APPROXIMATELY 15 PERCENT OF THE ENTIRE MISSION.

2. MISSION DATA

A. CAMERA SYSTEM 111B UNIT NUMBER 3 WAS USED ON MISSION G-029 FLOWN 26 JUNE 1968. THIS WAS AN OPERATIONAL MISSION USING THE U-2 AIRCRAFT. MODE 4 WAS USED THROUGHOUT THE MISSION.

B. THE FILM TYPE, FILTER AND PROCESSING INFORMATION WERE NOT FORWARDED TO THIS FACILITY.

3. ORIGINAL NEGATIVE

A. EXPOSURE: A SLIT VELOCITY OF 77 INCHES PER SECOND WAS USED THROUGHOUT THE MISSION. THE EXPOSURE WAS ADEQUATE.

B. DENSITY AND CONTRAST: THE DENSITY AND CONTRAST ARE MEDIUM.

C. IMAGED DEGRADATIONS: NARROW MINUS DENSITY LINES, CAUSED BY OBSTRUCTIONS IN THE SLIT APERTURE, ARE PRESENT ACROSS EVERY FORMAT.

DISTRIBUTION		
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1	FILE	
2	CABLE SEC.	
	PP&B/RD	
	SECUR	25X1
3	TSSG/mad	✓
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	RRD	
	REPRO	
	AID	
	IEG	
	PROD	
	SCIEN	
	WEST	
	EAST	25X1
	M&S	
	PGM	25X1
4	IAS	
	DIA-XX4	
	SPAD	
	DIA-AP	25X1
	CMX	

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WITH TEXT

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D. PHYSICAL DEGRADATIONS: A HEAT SPLICE IS PRESENT IN FRAME 970. FRAME 672 CONTAINS AN ULTRA-SONIC SPLICE.

E. AUXILIARY DATA: ALL AUXILIARY EQUIPMENT FUNCTIONED PROPERLY THROUGHOUT THE MISSION.

F. OTHER: ERRATIC METERING IS PRESENT THROUGHOUT THE FIRST

Declass Review by NGA

SECRETGROUP 1
Excluded from automatic
downgrading and
declassification

-2-

HALF OF THE MISSION AND AT ALL CAMERA OFF/ONS. DATA CHAMBERS WITH FRAME INDICATOR NUMBERS 61 AND 62 ARE PRESENT WITH NO ASSOCIATED PHOTOGRAPHY. FRAME INDICATOR NUMBER 63 CORRESPONDS TO TITLED FRAME 1. NO EXPOSURE OCCURED AT FRAME 535. DUE TO THIS ANOMALY AND AN EXCESSIVE METERING CONDITION THE FILM IS TITLED INCORRECTLY BEGINNING WITH FRAME 536. TITLED FRAME 537 IS ACTUALLY FRAME 536 AND THIS ONE FRAME BIAS CONTINUES TO THE END. THE LAST EXPOSURE IS NOT TITLED. THE LAST TITLED FRAME IS 2268.

4. POSITIVES

A. THE PRINTING AND PROCESSING ARE GOOD.

GP-1

S E C R E T

END OF MESSAGE